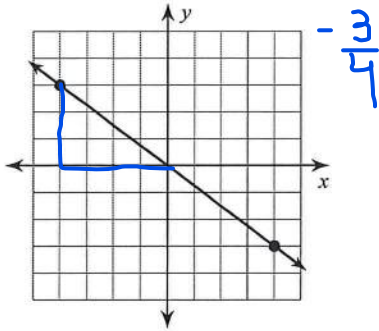


## 2.1 Slope

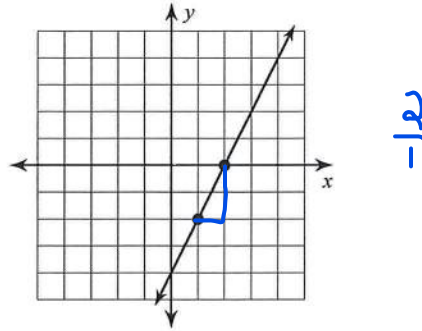
Date \_\_\_\_\_ Period \_\_\_\_\_

Find the slope of each line.

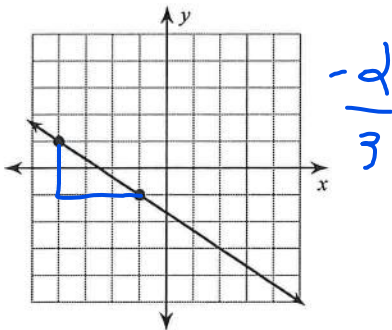
1)



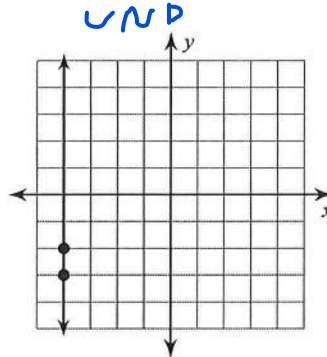
2)



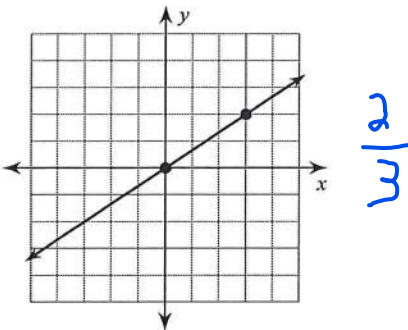
3)



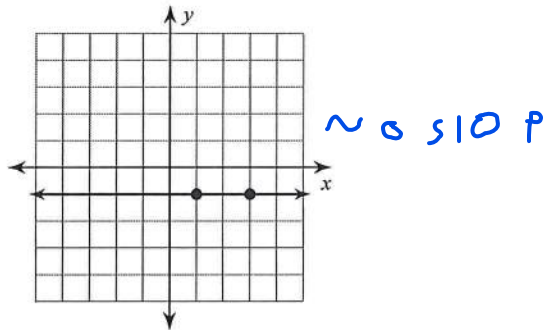
4)



5)



6)



Find the slope of the line through each pair of points.

$$7) (-19, 14), (0, 1) \quad \frac{1-14}{0-(-19)} = \frac{-13}{19}$$

$$9) (9, 11), (-12, 5) \quad \frac{5-11}{-12-9} = \frac{-6}{-21} = \frac{2}{7}$$

$$11) (-2, -10), (7, -15) \quad -\frac{5}{9}$$

$$13) (-16, -2), (-16, 20) \quad \frac{22}{0} \text{ no slope}$$

$$15) (-3, 8), (15, -15) \quad -\frac{23}{18}$$

$$8) (-6, -14), (-5, -20) \quad \frac{-20-(-14)}{-5-(-6)} = \frac{-6}{-1} = 6$$

$$10) (14, 8), (-17, 8) \quad \frac{0}{-31} = 0$$

$$12) (-15, 15), (1, -5) \quad \frac{-20}{16} = -\frac{5}{4}$$

$$14) (10, 14), (15, 11) \quad -\frac{3}{5}$$

$$16) (-10, -2), (17, -20) \quad -\frac{18}{27} = -\frac{2}{3}$$